

Table ENG-4. - Building Site Development

Wythe County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Austinville	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
1C:							
Austinville	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
1D:							
Austinville	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
2E:							
Austinville	45	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
3B:							
Botetourt	75	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
4C:							
Chiswell	35	Somewhat limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Gravel content	1.00
Groseclose	25	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	0.88	Slope	0.37
		Low strength	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Litz	20	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10	Gravel content	0.05

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4C:							
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
4D:							
Chiswell	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Groseclose	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.88		
		Low strength	1.00	Cutbanks cave	0.10		
Litz	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10	Gravel content	0.05
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
4E:							
Chiswell	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Groseclose	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.88		
		Low strength	1.00	Cutbanks cave	0.10		
Litz	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10	Gravel content	0.05
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		

5A:

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5A:							
Clubcaf	80	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
6C:							
Dekalb	75	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Droughty	0.90
		Depth to hard bedrock	0.10	Slope	0.37	Content of large stones	0.39
		Content of large stones	<0.01	Cutbanks cave	0.10	Slope	0.37
6D:							
Dekalb	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	1.00	Droughty	0.90
		Content of large stones	<0.01	Cutbanks cave	0.10	Content of large stones	0.39
6E:							
Dekalb	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	1.00	Droughty	0.90
		Content of large stones	<0.01	Cutbanks cave	0.10	Content of large stones	0.39
7B:							
Derroc	80	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Droughty	0.73
		Content of large stones	0.52	Content of large stones	0.52	Flooding	0.60
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.32
8E:							
Drypond	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Gravel content	1.00
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
9A:							
Evansham	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Ponding	1.00	Ponding	1.00
10B:							

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping			
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value		
10B:									
Frederick	80	Very limited		Very limited		Not limited			
		Low strength	1.00	Too clayey	1.00				
		Shrink-swell	1.00	Cutbanks cave	0.10				
		Frost action	0.50						
10C:									
Frederick	80	Very limited		Very limited		Somewhat limited			
		Low strength	1.00	Too clayey	1.00	Slope	0.37		
		Shrink-swell	1.00	Slope	0.37				
		Frost action	0.50	Cutbanks cave	0.10				
10D:									
Frederick	80	Very limited		Very limited		Very limited			
		Slope	1.00	Slope	1.00	Slope	1.00		
		Low strength	1.00	Too clayey	1.00				
		Shrink-swell	1.00	Cutbanks cave	0.10				
11A:									
Gullion	85	Very limited		Very limited		Somewhat limited			
		Frost action	1.00	Depth to saturated	1.00	Flooding	0.60		
		Flooding	1.00	zone		Depth to saturated	0.03		
		Low strength	1.00	Flooding	0.60	zone			
Evansham	2			Cutbanks cave	0.10				
		Very limited		Very limited		Very limited			
		Shrink-swell	1.00	Depth to saturated	1.00	Flooding	1.00		
		Depth to saturated	1.00	zone		Depth to saturated	1.00		
		zone		Cutbanks cave	1.00	zone			
		Frost action	1.00	Ponding	1.00	Ponding	1.00		
		12C:							
		Hagerstown	80	Very limited		Somewhat limited		Somewhat limited	
Low strength	1.00			Too clayey	0.88	Slope	0.37		
Shrink-swell	0.50			Slope	0.37				
Frost action	0.50			Cutbanks cave	0.10				
Rock outcrop	5	Not Rated		Not Rated		Not Rated			
12D:									
Hagerstown	80	Very limited		Very limited		Very limited			
		Slope	1.00	Slope	1.00	Slope	1.00		
		Low strength	1.00	Too clayey	0.88				
		Shrink-swell	0.50	Cutbanks cave	0.10				
Rock outcrop	5	Not Rated		Not Rated		Not Rated			
13E:									

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13E:							
Hagerstown	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
14B:							
Hagerstown	50	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50	Depth to hard bedrock	0.08		
Wurno	30	Somewhat limited		Very limited		Very limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
				Cutbanks cave	0.10	Gravel content	0.13
14C:							
Hagerstown	50	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Wurno	30	Somewhat limited		Very limited		Very limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Droughty	1.00
		Slope	0.37	Depth to soft bedrock	0.84	Depth to bedrock	0.84
		Depth to hard bedrock	0.29	Slope	0.37	Slope	0.37
14D:							
Hagerstown	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Wurno	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
14E:							
Hagerstown	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14E:							
Wurno	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
15B:							
Ingledove	80	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
16C:							
Jefferson	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Content of large stones	0.84
				Cutbanks cave	0.10	Slope	0.37
16D:							
Jefferson	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Content of large stones	0.84
16E:							
Jefferson	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Content of large stones	0.84
17C:							
Lily	75	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to bedrock	0.65
		Slope	0.37	Slope	0.37	Slope	0.37
				Cutbanks cave	0.10		
17D:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.64	Slope	1.00	Depth to bedrock	0.65
				Cutbanks cave	0.10		
17E:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.64	Slope	1.00	Depth to bedrock	0.65
				Cutbanks cave	0.10		
18B:							

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18B:							
Marbie	45	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to thick	1.00	Depth to cemented	0.99
		Depth to thick	0.99	cemented pan		pan	
		Shrink-swell	0.50	Depth to saturated	1.00	Droughty	0.21
				zone		Depth to saturated	0.19
		Cutbanks cave	0.10				
Wyrick	35	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
18C:							
Marbie	45	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to thick	1.00	Depth to cemented	0.99
		Depth to thick	0.99	cemented pan		pan	
		Shrink-swell	0.50	Depth to saturated	1.00	Slope	0.37
				zone		Droughty	0.21
		Slope	0.37				
Wyrick	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
18D:							
Marbie	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to thick	1.00	Slope	1.00
		Frost action	1.00	cemented pan		Depth to cemented	0.99
		Depth to thick	0.99	Slope	1.00	pan	
		cemented pan		Depth to saturated	1.00	Droughty	0.21
		zone					
Wyrick	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
19C:							
Matneflat	75	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Cutbanks cave	1.00	Slope	0.37
				Slope	0.37	Content of large	0.05
						stones	
						Gravel content	0.03

19D:

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19D:							
Matneflat	75	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Content of large stones Gravel content	1.00 0.05 0.03
19E:							
Matneflat	75	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Content of large stones Gravel content	1.00 0.05 0.03
20A:							
Nomberville	80	Very limited Frost action Flooding Low strength	1.00 1.00 0.22	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60
Evansham	2	Very limited Shrink-swell Depth to saturated zone Frost action	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Ponding	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00
21A:							
Pagebrook	80	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Too clayey Cutbanks cave	0.95 0.88 0.10	Not limited	
Evansham	2	Very limited Shrink-swell Depth to saturated zone Frost action	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Ponding	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00
22:							
Pits, quarries	100	Not Rated		Not Rated		Not Rated	
23C:							
Rayne	45	Somewhat limited Frost action Slope	0.50 0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Berks	35	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope Cutbanks cave	0.71 0.37 0.10	Somewhat limited Droughty Depth to bedrock Slope	0.92 0.71 0.37

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23D:							
Rayne	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Berks	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
23E:							
Rayne	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Berks	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
24F:							
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Wurno	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
25B:							
Shottower	80	Somewhat limited		Somewhat limited		Not limited	
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
25C:							
Shottower	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Too clayey	0.50	Slope	0.37
		Frost action	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
25D:							
Shottower	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
26A:							

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26A:							
Sindion	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	0.60
		Flooding	1.00	zone		Depth to saturated	0.03
		Depth to saturated	0.03	Flooding	0.60	zone	
				Cutbanks cave	0.10		
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	1.00
		Flooding	1.00	zone		Depth to saturated	1.00
		Depth to saturated	1.00	Flooding	0.80	zone	
				Cutbanks cave	0.10		
27A:							
Speedwell	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	0.60
		Frost action	0.50	Flooding	0.60		
28C:							
Sylvatus	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Gravel content	0.68
Sylco	35	Somewhat limited		Very limited		Somewhat limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Gravel content	0.85
		Slope	0.37	Slope	0.37	Slope	0.37
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.10
28D:							
Sylvatus	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Sylco	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Gravel content	0.85
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.10
28E:							
Sylvatus	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Sylco	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Gravel content	0.85
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.10

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29B:							
Timberville	80	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Frost action	0.50	Cutbanks cave	0.10		
		Low strength	0.22				
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
30C:							
Timberville	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Flooding	0.40	Cutbanks cave	0.10		
		Slope	0.37				
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
31:							
Udorthents	100	Not Rated		Not Rated		Not Rated	
32:							
Udorthents	60	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	
33C:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Frederick	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.84
		Shrink-swell	1.00	Slope	0.84		
		Slope	0.84	Cutbanks cave	0.10		
34C:							
Urban land	40	Not Rated		Not Rated		Not Rated	
Marbie	30	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Depth to thick cemented pan	0.99	Depth to saturated zone	1.00	Droughty	0.21
		Shrink-swell	0.50	Cutbanks cave	0.10	Depth to saturated zone	0.19

Table ENG-4. - Building Site Development - Continued

Wythe County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34C:							
Timberville	20	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
		Flooding	0.40				
		Low strength	0.22				
35C:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Slope	0.37
Berks	30	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Depth to soft bedrock	0.71	Droughty	0.92
				Slope	0.37	Depth to bedrock	0.71
				Cutbanks cave	0.10	Slope	0.37
35D:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
35E:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
36B:							
Wheeling	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
W:							
Water	100	Not Rated		Not Rated		Not Rated	